



Please type a plus sign (+) inside this box → +

PTO/SB/05 (4
Approved for use through 09/30/2000. OMB 0651-0
Patent and Trademark Office: U.S. DEPARTMENT OF COMME

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY PATENT APPLICATION **TRANSMITTAL**

Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)

YAMAP0705US Attorney Docket No. First Inventor or Application Identifier H. Fujiyama WRITE COMPENSATION CIRCUIT ... Title EJ464626694US Express Mail Label No.

		FION ELEMENTS	application contents.	Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231						
1. (Su 2. Spi (pro	ubmit an origination ecification eferred arrandes of the contraction o	nittal Form (e.g., Pi ginal and a duplicate for [7 ingement set forth below title of the Invention rences to Related Ap	of tee processing) Total Pages 47	5. Microfiche Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Copy b. Paper Copy (identical to computer copy)	9/53920					
		Regarding Fed spons to Microfiche Append		c. Statement verifying identity of above copies	Ū					
		d of the Invention		ACCOMPANYING APPLICATION PARTS						
- B - D - C - A 3.	Prief Description Detailed Description Des	the Disclosure 35 U.S.C. 113) [70] If y executed (original or prior application or investment of the prior	ortal Sheets 21] or copy) stion (37 C.F.R. § 1.63(ith Box 16 completed) ENTOR(S) In tattached deleting in the prior application 1.63(d)(2) and 1.33(b). FLED TO PAY SMALL ENTITY	7. Assignment Papers (cover sheet & document(s)) 8. 37 C.F.R.§3.73(b) Statement Power of Attorney 9. English Translation Document (if applicable) 10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS 11. Preliminary Amendment 12. Preliminary Amendment 12. Small Entity Statement filed in prior applications 13. Statement(s) Status still proper and desired (PTO/SB/09-12) Status still proper and desired (if foreign priority is claimed) 14. (if foreign priority is claimed) 15. Other: Certificate of Mailing & Letter Identifying Inventors	tion,					
IF ONE FILE	D IN A PRIO	R APPLICATION IS RELIEI	D (37 C.F.R. § 1.27), EXCEPT D UPON (37 C.F.R. § 1.28).	<u> </u>						
Prior ap	ontinuation oplication inf	Divisional Divisional DivisionAL APPS on	Continuation-in-part (supply the requisite information below and in a preliminary amendment: (CIP) of prior application No:	l I by					
reference. II	ne mcorpo		7. CORRESPOND							
Custon	mer Numbei	or Bar Code Label		or (K. Correspondence address below ttach bar code label here)						
Name				o, Boisselle & Sklar, P.L.L.						
	<u> </u>	Neil A. DuChez								
Address			162	21 Euclid Avenue 19th Floor						
City		Cleveland	State	OH Zip Code 44115						
Country			Telephone	216-621-1113 Fax 216-621-6165	,					
Name ((Print/Type)	Neil	A DuChez	Registration No. (Attorney/Agent) 26,725)					
<u> </u>	Signature		W .0	Date 3-30-00]					

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



Signature



CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that the attached paten	t application (along v	vith any other paper referred
to as being attached or enclosed) is beir	ng deposited with the	United States Postal Service
on this date March 30, 2000	_, in an envelope as	"Express Mail Post Office to
Addressee" Mailing Label Number	EJ464626694US	addressed to the
Assistant Commissioner for Patents, W	ashington, D.C. 2023	31.
Janet Farr		
Typed or Printed Name of Person Maili	ing Paper	
(Signature of Person Mailing Paper)		
(Signature of Person Mailing Paper)		

YAMAP0705US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Group Art Unit:

Hirokuni Fujiyama

Examiner

Express Mail No.: EJ464626694US

Filed: March 30, 2000

For:

WRITE COMPENSATION CIRCUIT AND SIGNAL INTERPOLATION CIRCUIT OF

RECORDING DEVICE

LETTER

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The attached application is submitted herewith absent a Combined Declaration and Power of Attorney in accordance with 37 CFR §1.53(b) and (d). The inventors are as follows:

Hirokuni Fujiyama 141, Takatsukiryo, 7-1-141, Miyanocho Takatsukishi, Osaka 569-0081 Japan

Shiro Dosho 3-3-5-202, Hachizuka Ikedashi, Osaka 563-0024 Japan

Hiroyuki Nakahira 2-615, Takehanakinomotocho, Yamashinaku Kyotoshi, Kyoto 607-8083 Japan

Akira Yamamoto C406, Takatsukiso, 1-44-9, Tsunoecho Takatsukishi, Osaka 569-0822 Japan Hiroki Mouri 6-7-104, Naritacho Neyagawashi, Osaka 572-0004 Japan

It is requested that the Patent Office direct all correspondence regarding this application to:

Neil A. DuChez Renner, Otto, Boisselle & Sklar, P.L.L. 1621 Euclid Avenue, Nineteenth Floor Cleveland, Ohio 44115

Respectfully submitted, RENNER, OTTO, BOISSELLE & SKLAR, P.L.L.

Neil A. DuChez

Reg. No. 26, 725

PTO/SB/17 (2/98)
Approved for use through 9/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Complete if Known			
FEE TRANSMITTAL	Application Number	EJ464626694US		
Patent fees are subject to annual revision on October 1.	Filing Date	March 30, 2000		
These are the fees effective November 10, 1998.	First Named Inventor	H. Fujiyama		
mall Entity payments <u>must</u> be supported by a small entity statement, therwise large entity fees must be paid. See Forms PTO/SB/09-12.	Examiner Name			
See 37 C.F.R. §§ 1.27 and 1.28.	Group / Art Unit			
TOTAL AMOUNT OF PAYMENT (\$) 690.00	Attorney Docket No.	YAMAP0705US		

ME	THO	OF	PAYMENT	(check one)	FEE CALCULATION (continued)							
						3. ADDITIONAL FEES Large Entity Small Entity						
			and credit any over payments to:		Fee	Fee (\$)	Fee	Fee (\$)		escription	Fee Paid	<u> </u>
Account Number			18-098	38	105	130	205	65	Surcharge - late fi	ling fee or oath		
Deposit Account Name	F	≀enr	ner, Otto,	Boisselle	127	50	227	25	Surcharge - late p cover sheet.	rovisional filing fee o	or	
Charge	Any Ado			ge the Issue Fee Set in	139	130	139	130	Non-English speci	ification		3
	quired U			F.R. § 1.18 at the Mailing Notice of Allowance	147	2,520	147	2,520	For filing a reques	t for reexamination		
					112	920*	112	920*	Requesting public Examiner action	ation of SIR prior to		
, - -	<u> </u>	nt End eck	closed: Money Order	Other	113	1,840*	113	1,840*		ation of SIR after		1
		- 04	-	<u> </u>	115	110	215	55	Extension for reply	within first month		╛
			LCULATIO	V	116	380	216	190	Extension for reply	y within second mon	th	_
1. BAS	IC FIL	ING	FEE		117	870	217	435	Extension for reply	y within third month		╛
Large Ent		II Enti Fee		otion Fee Paid	118	1,360	218	680	Extension for reply	y within fourth month	1	↓
Code (\$)		e (\$)	ree Descrip		128	1,850	228	925	Extension for reply	within fifth month		_
101 690	201	345	Utility filing fee	690	119	300	219	150	Notice of Appeal			4
106 310		155	Design filing fe		120	300	220	150	Filing a brief in sup			4
107 480		240	Plant filing fee	1 1	121	260	221	130	Request for oral h	•		4
108 690		345	Reissue filing	1 1	138	1,510	138	1,510		a public use procee	eding	4
114 150	214	75	Provisional fili		140	110	240	55	Petition to revive -			4
			BTOTAL (1)	(\$) 690	141	1,210	241	605	Petition to revive -			4
2. EXTI	RA CL	AIM.	FEES	Fee from	ll	1,210	242		Utility issue fee (or	r reissue)		
		, E:	xt <u>ra Claim</u> s	below Fee Paid	143	430	243		Design issue fee			
Total Claims Independent		-20**		18 = 0	144	580	244		Plant issue fee]
Claims		- 3**	= <u> </u>	78 = 0	122	130	122		Petitions to the Co			
Multiple Dep			L	260 = 0	123	50	123	50	Petitions related to	o provisional applicat	tions	7
Large Ent	•		-	r Reissues, see below	126	240	126		Submission of Info	ormation Disclosure	Stmt	7
Fee Fee Code (\$)	e Fee	Fee e (\$)		cription	581	40	581	40		atent assignment per imber of properties)	r	1
103 18		9	Claims in exce	ess of 20	146	690	246	345	Filing a submission (37 CFR 1.129(a))	n after final rejection		7
102 78 104 260		39 130		laims in excess of 3	149	690	249	345	For each additiona	al invention to be		┥
109 78		39		ependent claims	045	f (n.m.	:6.3		examined (37 CFF		-	\dashv
110 18	210	9	•	ims in excess of 20	Other	iee (Sp	eciiy)				-	4
1.0 10	210	•	and over orig		Other	fee (sp	ecify)				- <u> </u>	
		SUB	TOTAL (2)	(\$) 0	Redu	iced by	Basic	Filing F	Fee Paid SI	UBTOTAL (3)	\$) O	
SUBMIT	TED B	Υ								Complete (if	applicable)	
Typed or				O N1 - 11 A						See Marches	00.705	\neg

SUBMITTED B	Υ			Complete (if	applicable)
Typed or Printed Name	Neil A. DuChez			Reg. Number	26,725
Signature	Tul Os	Date	3-30-00	Deposit Account User ID	18-0988

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.